AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A recloser control apparatus compatible with various reclosers, comprising:

a control interface system ~~capable of providing~~ that provides control signals for a plurality of ~~different~~ various reclosers ~~having different control requirements~~, the interface system including a convertible charging system ~~adaptable~~ for producing control voltages ~~for~~ to control~~ling~~ trip and close apparatuses of various reclosers, said various reclosers having different control voltage requirements.

2. (Previously Presented) The apparatus of claim 1, including an input power converter for providing the control interface, including the charging system with a 12 volt bus signal, the power converter being responsive to a source voltage to produce the 12 volt bus signal.

3. (Original) The apparatus of claim 1, including a DC/DC converter for producing the voltages necessary to power the recloser control apparatus from the 12 volt DC bus line.

4. (Currently Amended) The apparatus of claim 1, wherein the charging system includes an input capacitor, a flyback transformer, a switching element with a control circuit, an output filter and a capacitor discharge circuit for producing the selected voltages for the trip and close apparatus of ~~the~~ a particular recloser.

5. (Original) The apparatus of claim 1, including a 12 volt battery, a battery charge control logic circuit and a battery charger circuit for maintaining the battery in a charged condition.

6. (Currently Amended) The apparatus of claim 1, including a housing which includes a removable plate in one portion thereof, wherein the removable plate includes an opening which is correctly sized for a wiring connector between the recloser control apparatus and ~~the~~ a particular recloser.

7. (Original) The apparatus of claim 1, including a housing for the apparatus having front and rear doors for access to the front and rear of the apparatus, each of said doors being separately and independently lockable.

8. (Previously Presented) The apparatus of claim 1, further comprising a circuit for producing a control voltage for controlling a trip and close apparatus for a particular recloser, and wherein the convertible

charging system is adaptable for producing another control voltage for controlling a trip and close apparatus for at least another recloser.

9. (Previously Presented) The apparatus of claim 8, wherein the control voltage produced by the circuit is 12 volts.

10. (Previously Presented) The apparatus of claim 8, wherein the control voltage produced by the convertible charging system is greater than 12 volts.

11. (Previously Presented) The apparatus of claim 10, wherein the control voltage produced by the convertible charging system is 24 volts.

12. (Canceled)

13. (Previously Presented) The apparatus of claim 10, wherein the trip and close apparatuses are trip and close coils.

14. (Previously Presented) A control interface system capable of providing control signals for a plurality of different reclosers having different control requirements, the interface system comprising:

a circuit for producing a control voltage for controlling a trip and close apparatus for a particular recloser; and

a convertible charging system adaptable for producing another control voltage for controlling a trip and close apparatus for another recloser.

15. (Previously Presented) The apparatus of claim 14, wherein the convertible charging system is coupled to the circuit and includes a capacitor charger for storing energy produced by the circuit.

16. (Currently Amended) The apparatus of claim 14, wherein the charging system further includes a flyback transformer, a switching element with a control circuit, an output filter and a capacitor discharge circuit for producing the selected voltages for the trip and close apparatuses of the another recloser.

17. (Previously Presented) The apparatus of claim 14, wherein the control voltage produced by the circuit is 12 volts.

18. (Previously Presented) The apparatus of claim 14, wherein the control voltage produced by the convertible charging system is greater than 12 volts.

19. (Previously Presented) The apparatus of claim 14, wherein the control voltage produced by the convertible charging system is 24 volts.

20. (Canceled)

21. (Currently Amended) A method for producing control voltages for controlling trip and close apparatuses of various reclosers, said various reclosers having different control voltage requirements, the method comprising the steps of:

supplying a voltage source ~~bus signal~~ to a convertible charging system;

storing ~~voltage~~ energy ~~from the voltage bus signal~~ from the supplied voltage source in the convertible charging system;

converting the stored energy in the convertible charging system to a voltage suitable for a particular recloser; and

supplying the ~~stored voltage~~ voltage ~~from the convertible charging system~~ as a control voltage to control trip and close apparatuses of ~~one of~~ the particular recloser[[s]].

22. (Currently Amended) The method of claim 21, wherein the convertible charging system includes a capacitor charger for storing voltage from the voltage ~~bus signal~~ source.

23. (Currently Amended) The method of claim 21, wherein the voltage source supplying the convertible charging system is ~~supplied with~~ a 12 volt ~~bus signal~~ voltage source.

24. (Currently Amended) The method of claim 23, wherein the 12 volt ~~bus signal~~ voltage source is ~~supplied using~~ a 12 volt battery, the method further including maintaining the 12 volt ~~bus signal~~ battery in a charged condition.

25. (Currently Amended) The method of claim 21, further comprising supplying voltage directly from the voltage ~~bus signal~~ source as a control voltage to control trip and close apparatuses of one of the reclosers.